

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C.371ATTORNEY'S CHECKER NUMBER  
GIN-675 CPUS

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION

PCT/JP99/02226

INTERNATIONAL FILING DATE

27 April 1999 (27.04.99)

PRIORITY DATE CLAIMED

28 April 1998 (28.04.98)

TITLE OF INVENTION

HUMAN PROTEINS HAVING TRANSMEMBRANE DOMAINS AND DNAS ENCODING THESE  
PROTEINS

APPLICANT(S) FOR DO/EO/US

Seishi KATO and Tomoko KIMURA

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C.371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This express request to begin national examination procedures (35 U.S.C. 371 (f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371 (b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ A translation of the International Application into English (35 U.S.C 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) (**unexecuted**) (**4 sheets**);
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included
13. ☐ A FIRST preliminary amendment.  
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information: **Transmittal Letter (2 sheets in duplicate); PCT Request (4 sheets); PCT Notification of Receipt of Record Copy (1 sheet); PCT Notification Concerning Submission or Transmittal of Priority Document (1 sheet); PCT Notice Informing the Applicant of the Communication of the International Application to the Designated Offices (1 sheet); PCT International Published Application (WO 99/55862) (without International Search Report) (116 sheets); Cover Sheet of PCT International Published Application (WO 99/55862) (with International Search Report attached); (7 sheets); PCT International Preliminary Examination Report (5 sheets); Sequence Listing (25 sheets) along with Transmittal Letter and Diskette for Sequence Listing (1 sheet); Check (#039743) (\$1230); Certificate of Express Mailing (1 sheet); and Return Postcard.**

U.S. APPLICATION NO. (if known, see 37 CFR

INTERNATIONAL APPLICATION NO.  
PCT/JP99/02226ATTORNEY'S DOCKET NO.  
GIN-6715CPUS

09/674235

17. ☒ The following fees are submitted:**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) .(a/o January 1, 2000):**

Search Report has been prepared by the EPO or JPO.....\$970  
 International preliminary examination fee paid to  
 USPTO (37 CFR 1.482).....\$840  
 No international preliminary examination fee paid to  
 USPTO (37 CFR 1.482) but international search fee  
 paid to USPTO (37 CFR 1.445(a)(2)).....\$690  
 Neither international preliminary examination fee  
 (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2))  
 paid to USPTO.....\$670  
 International preliminary examination fee paid to  
 USPTO (37 CFR 1.482) and all claims satisfied provisions  
 of PCT Article 33(2)-(4).....\$96

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

Surcharge of \$130.00 for furnishing the oath or declaration later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(e)). \$--

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	10 -20 =	0	X \$18.00
Independent claims	2 -3 =	0	X \$78.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ 260.00

**TOTAL OF ABOVE CALCULATIONS =**

Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity  
 Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28) \$--

**SUBTOTAL =**

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492(f)). \$--

**TOTAL NATIONAL FEE =**

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31).  
 \$40.00 per property +

**TOTAL FEES ENCLOSED =**

Amount to be refunded	\$
charged	\$

- a. ☒ A check (# 039743) in the amount of \$1230 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
 A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 12-0080. A duplicate copy of this sheet is enclosed.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:

**Amy E. Mandragouras, Esq.**  
**LAHIVE & COCKFIELD, LLP**  
**28 State Street**  
**Boston, Massachusetts 02109**  
**United States of America**  
**(617)227-7400**  
**Date: 27 October 2000**

SIGNATURE

**Peter C. Lauro**

NAME

**32,360**

REGISTRATION NUMBER

526 Rec'd PCT/PTO 27 OCT 2000

In re the  
application of: **Seishi KATO et al.**

International Application No.: **PCT/JP99/02226**

International Filing Date: **27 April 1999**

U.S. Serial No.: **Not yet assigned**

Filed: **Herewith**

For: **HUMAN PROTEINS HAVING  
TRANSMEMBRANE DOMAINS AND DNAS  
ENCODING THESE PROTEINS**

Attorney Docket No.: **GIN-6715CPUS**

Assistant Commissioner for Patents  
BOX PCT  
Washington, D.C. 20231

Certification Under 37 CFR 1.10

I hereby certify that the attached:

Transmittal Letter (2 sheets in duplicate); Declaration, Petition and Power of Attorney (unexecuted) (4 sheets); PCT Request (4 sheets); PCT Notification of Receipt of Record Copy (1 sheet); PCT Notification Concerning Submission or Transmittal of Priority Document (1 sheet); PCT Notice Informing the Applicant of the Communication of the International Application to the Designated Offices (1 sheet); PCT International Published Application (WO 99/55862) (without International Search Report) (116 sheets); Cover Sheet of PCT International Published Application (WO 99/55862) (with International Search Report attached) (7 sheets); Sequence Listing (25 sheets) along with Transmittal Letter and Diskette for Sequence Listing (1 sheet); Check (#039743) (\$1230); Certificate of Express Mailing (1 sheet); and Return Postcard are being deposited by me with the United States Postal Service "Express Mail Post Office to Addressee" service, Mailing Label No. **EL 266 737 919 US**, under 37 CFR 1.10 on the date indicated below and is addressed to the Assistant Commissioner for Patents, Box PCT, Washington, D.C. 20231.

Date: 27 October 2000

Name: Ilidio P. Cardoso

Signature: 